

APPENDIX D: Management Action Plans to Support the INRMP

1. Ecosystem Management Action Plan
2. Habitat Management Action Plan
3. Wetlands Management Action Plan
4. Forest Management Action Plan
5. Special Interest Areas Management Plan
6. Outdoor Recreation Management Action Plan
7. ITAM Action Plan
8. Fire Management Action Plan
9. Soil Resources Management Action Plan
10. Conservation Enforcement Management Action Plan
11. Aerial Monitoring Management Action Plan
12. Landscape Action Plan

USARAK is committed to developing the following plans to support the natural resources management programs described in this INRMP. Development of these plans is addressed within this INRMP, including identification of funding mechanisms and priorities. These plans are summarized here and can be found under separate cover.

1. ECOSYSTEM MANAGEMENT ACTION PLAN

The ecosystem management action plan will be a comprehensive plan outlining all details for conducting both routine and non-routine wildlife surveys, inventories and monitoring activities on Fort Richardson lands and waters. It will include, but will not be limited to: methodologies, techniques, equipment and personnel requirements, study area locations and sizes (GIS mapping), time schedules, and budget estimates. It also will include roles and responsibilities of all partnering agencies and/or groups participating in those activities. Wildlife species or types for consideration within this plan include: moose, bear (brown and black), wolves, wolverine, lynx, coyote, fox, otter, beaver, small mammals, raptors, waterfowl, ptarmigan, grouse (spruce and ruffed), ravens, neotropical migrants, rainbow trout, Dolly Varden, and several species of salmon. This plan will be compatible with the military training mission and complementary to the ITAM program, ensuring both a healthy environment and optimum training arena through sound and prudent stewardship.

AUTHORITIES: Sikes Act (Public Law 86-797), Endangered Species Act, AR 200-3, and the Cooperative Agreement for management of fish and wildlife resources on Army lands in Alaska.

CLASSIFICATION PRIORITY: Class 1 (DAIM-ED-N, 21 March 1997)

2. HABITAT MANAGEMENT ACTION PLAN

The habitat management action plan will be a prescriptive plan that directs all wildlife habitat rehabilitation, enhancement, and maintenance activities on Fort Richardson. The comprehensive plan will incorporate all facets of wildlife habitat management including methodologies, techniques, equipment and personnel requirements, area locations and sizes (GIS mapping), time schedules, and budget estimates. Wildlife species and groups considered within this plan include: moose, bear (brown and black), wolves, wolverine, lynx, coyote, fox, otter, beaver, small mammals, raptors, waterfowl, ptarmigan, grouse (spruce and ruffed),

ravens, neotropical migrants, rainbow trout, Dolly Varden, and several species of salmon. The plan will be compatible with the military training mission and complementary to the ITAM program, ensuring both a healthy environment and optimum training arena through sound and prudent stewardship.

AUTHORITIES: Sikes Act (Public Law 86-797), Migratory Bird Treaty Act (16 USC 703-711), Executive Order 12962, Recreational Fishery Resources Conservation Plan, Endangered Species Act, and AR 200-3.

CLASSIFICATION PRIORITY: Class 1 (DAIM-ED-N, 21 March 1997)

3. WETLAND MANAGEMENT ACTION PLAN

The wetland management action plan will be a comprehensive plan written to protect, enhance, and maintain the biodiversity of wetlands on Fort Richardson. The plan will classify and prioritize wetland units in terms of size, functions, and values, with priorities assigned to wetland units. It will include, but will not be limited to: methodologies, techniques, equipment and personnel requirements, study area locations and sizes (GIS mapping), time schedules, and budget estimates. It also will include roles and responsibilities of all partnering agencies and/or groups participating in those activities. This plan will be compatible with the military training mission and complementary to the ITAM program, ensuring both a healthy environment and optimum training arena through sound and prudent stewardship.

AUTHORITIES: Sikes Act (Public Law 86-797) and AR 200-3.

CLASSIFICATION PRIORITY: Class 1 (DAIM-ED-N, 21 March 1997)

4. FOREST MANAGEMENT ACTION PLAN

The forest management action plan will be a comprehensive plan written to implement a forest management program for Fort Richardson. The plan would provide for the enhancement of forest values, benefiting the Army training mission, and protecting and maintaining the productivity and biodiversity of the forest ecosystems on the installation. It will include, but not be limited to: methodologies, techniques, equipment and personnel requirements, study area locations and sizes (GIS mapping), time schedules, and budget estimates. It also will include the roles and responsibilities of all partner agencies and/or groups participating in those activities. This plan will be compatible with the military training mission and the wildlife habitat management plan, and it will complement the ITAM program, ensuring both a healthy environment and an optimal training arena through sound and prudent stewardship.

AUTHORITIES: Sikes Act (Public Law 86-797) and AR 200-3.

CLASSIFICATION PRIORITY: Class 1 (DAIM-ED-N, 21 March 1997)

5. SPECIAL INTEREST AREAS CONSERVATION ACTION PLAN

The special interest areas conservation action plan will address all areas on Fort Richardson that contain unique, rare, unusual, atypical, sensitive, or otherwise special natural resources or environmental conditions that warrant protective or special management practices. Since these areas may vary considerably in their unique or special features, they will be treated individually within the plan. It will include detailed descriptions of each area along with individual management prescriptions. In some cases, management actions may require stringent protection restrictions and constraints. This plan will be sensitive to and considerate of the military training mission by using a very conservative approach regarding restrictions and prohibitions. It will be fully coordinated with the ITAM program.

AUTHORITIES: Sikes Act (Public Law 86-797) and AR 200-3.

CLASSIFICATION PRIORITY: Class 1 (DAIM-ED-N, 21 March 1997)

6. OUTDOOR RECREATION MANAGEMENT ACTION PLAN

The outdoor recreation management action plan will be a comprehensive plan directing all outdoor recreation activities on Fort Richardson with respect to the use of natural resources and the effects on the military mission. The plan will assess current and potential activities including, but not limited to: hunting and fishing, boating, off-road vehicle use (ATVs, snowmachines, airboats, airplanes), camping, picnicking, dog racing, horseback riding, berry picking, skiing, cabin use, bird watching, and swimming. It will address issues including, but not limited to: access, management of use to avoid damage to wildlife habitat and training areas, harassment of wildlife, poaching, trespass, harvest limits, and usage fees. The plan will provide recommendations regarding the levels and types of use specific areas can sustain without adverse impacts. It also will include the roles and responsibilities of all partner agencies and/or groups participating in those activities. This plan will be compatible with the military training mission and it will complement the ITAM program, ensuring both a healthy environment and an optimal training arena through sound and prudent stewardship.

AUTHORITIES: Sikes Act (Public Law 86-797) and AR 200-3.

CLASSIFICATION PRIORITY: Class 1 (DAIM-ED-N, 21 March 1997)

7. ITAM ACTION PLAN

The ITAM action plan will address all actions necessary to implement the ITAM plan on Fort Richardson. The ITAM plan will consist of monitoring the quality of training lands, providing data needed to make land use decisions, creating an awareness among land users of the importance of good land stewardship, preventing damage to land, and repairing damaged lands. The goal of the ITAM plan is to maximize mission use of training lands, minimize land maintenance costs and damage caused to the environment, and effectively meet natural resource management requirements. It also will include the roles and responsibilities of all partner agencies and/or groups participating in those activities. The comprehensive plan will include methodologies, techniques, equipment and manpower requirements, area locations and sizes (GIS mapping), time schedules, and budget estimates. This plan will be compatible with the military training mission, ensuring both a healthy environment and an optimal training arena through sound and prudent stewardship.

AUTHORITIES: Sikes Act (Public Law 86-797) and AR 200-3.

CLASSIFICATION PRIORITY: Class 1 (DAIM-ED-N, 21 March 1997)

8. FIRE MANAGEMENT ACTION PLAN

The fire management action plan will identify and evaluate strategies for conducting wildfire management on Fort Richardson. The plan would reduce forest-fire hazard caused by incendiary training and weapons, and would include a prescribed burning plan to enhance habitat as part of ecosystem management. The comprehensive plan will include methodologies, techniques, equipment and personnel requirements, area locations and sizes (GIS mapping), time schedules, and budget estimates. It also will include roles and responsibilities of all partner agencies and/or groups participating in those activities.

AUTHORITIES: Sikes Act (Public Law 86-797) and AR 200-3.

CLASSIFICATION PRIORITY: Class 1 (DAIM-ED-N, 21 March 1997)

9. SOIL RESOURCES MANAGEMENT ACTION PLAN

The erosion control action plan will identify and evaluate sites in need of erosion control on Fort Richardson and strategies to repair them. The plan also will include detailed scopes of work required to repair each site. The comprehensive plan will include methodologies, techniques, equipment and personnel requirements, area locations and sizes (GIS mapping), time schedules, and budget estimates. It also will include the roles and responsibilities of all partner agencies and/or groups participating in those activities.

AUTHORITIES: Sikes Act (Public Law 86-797) and AR 200-3.

CLASSIFICATION PRIORITY: Class 1 (DAIM-ED-N. 21 March 1997)

10. CONSERVATION ENFORCEMENT ACTION PLAN

The conservation enforcement action plan will be jointly developed by Natural Resources and the Fort Richardson Provost Marshal. This action plan will outline responsibilities, communication, duties, regulations, and provisions for carrying out natural resources wildlife enforcement. Protocols will be developed to address communication, meetings, after-action reports, chain-of-command, etc.

AUTHORITIES: Sikes Act (Public Law 86-797) and AR 200-3.

CLASSIFICATION PRIORITY: Class 1 (DAIM-ED-N. 21 March 1997)

11. AERIAL MONITORING MANAGEMENT ACTION PLAN

The aerial monitoring action plan will identify plans for monitoring Fort Richardson from the air. Because of accessibility problems for much of Fort Richardsons' land, aerial monitoring is a tool that is required to keep track of military, recreation, trespass, and fish and wildlife use of training lands. This plan discusses the specific actions necessary to accomplish monitoring on Fort Richardson. Monitoring is a requirement of the Sikes Act and AR 200-3. Per Memorandum DAIM-ED-N, 21 March 1997, this component of the INRMP is a class 1 requirement.

AUTHORITIES: Sikes Act (Public Law 86-797) and AR 200-3.

CLASSIFICATION PRIORITY: Class 1 (DAIM-ED-N. 21 March 1997)

12. LANDSCAPING ACTION PLAN

The landscaping action plan will address landscaping and beautification of the post. The plan will present the user with information regarding past and present techniques and procedures for landscaping at Fort Richardson. In addition to providing landscape designs, it will discuss various materials used in landscaping on post and will furnish a detailed listing of plants proven hardy for northern climates. The comprehensive plan will include methodologies, techniques, equipment and personnel requirements, area locations and sizes (GIS mapping), time schedules, and budget estimates. It also will include roles and responsibilities of all partner agencies and/or groups participating in those activities.

AUTHORITIES: Sikes Act (Public Law 86-797) and AR 200-3

CLASSIFICATION PRIORITY: Class I (DAIM-ED-N, 21 March 1997)